



ActivCard[®]

FIPS 201 PIV-II Products

FIPS201 Implementation Workshop – NIST

July 12, 2005

Compliant Products

Open Architecture

Proven Installations

Products

Partners

ActivCard will provide fully compliant FIPS 201 solution components to meet the HSPD-12 mandate.

- Integrate ActivCard components with partners and assist customers to meet the PIV-1 requirements and Oct 2005 timeline with the combined solution.
- PIV-2/SP800-73 transitional and endpoint card interface product release by Dec 2005
- Submit components to FIPS201 certification, and integrate them with partners to meet the PIV-2 requirements.

ActivCard provides an open, flexible API architecture, to accommodate existing infrastructures and new PIV solution implementations

Extensive CMS API functionality

- Support standard and custom processes and PIV Card extensions.

Standards-based API implementation

APIs enable wide support for heterogeneous environments/vendors

- Adapts to a wide range of Data Storage, IDMS, PKI and CA, PACS, Card Platform, Enrollment and Issuance stations, Printers

ActivCard products, knowledge and deployment experience in implementing secure smart card-based ID solutions has been the choice of many agencies.

Dept. of Defense (5 million cards)

Federal Bureau of Investigation (40,000 cards)

Dept of Justice (120,000 cards)

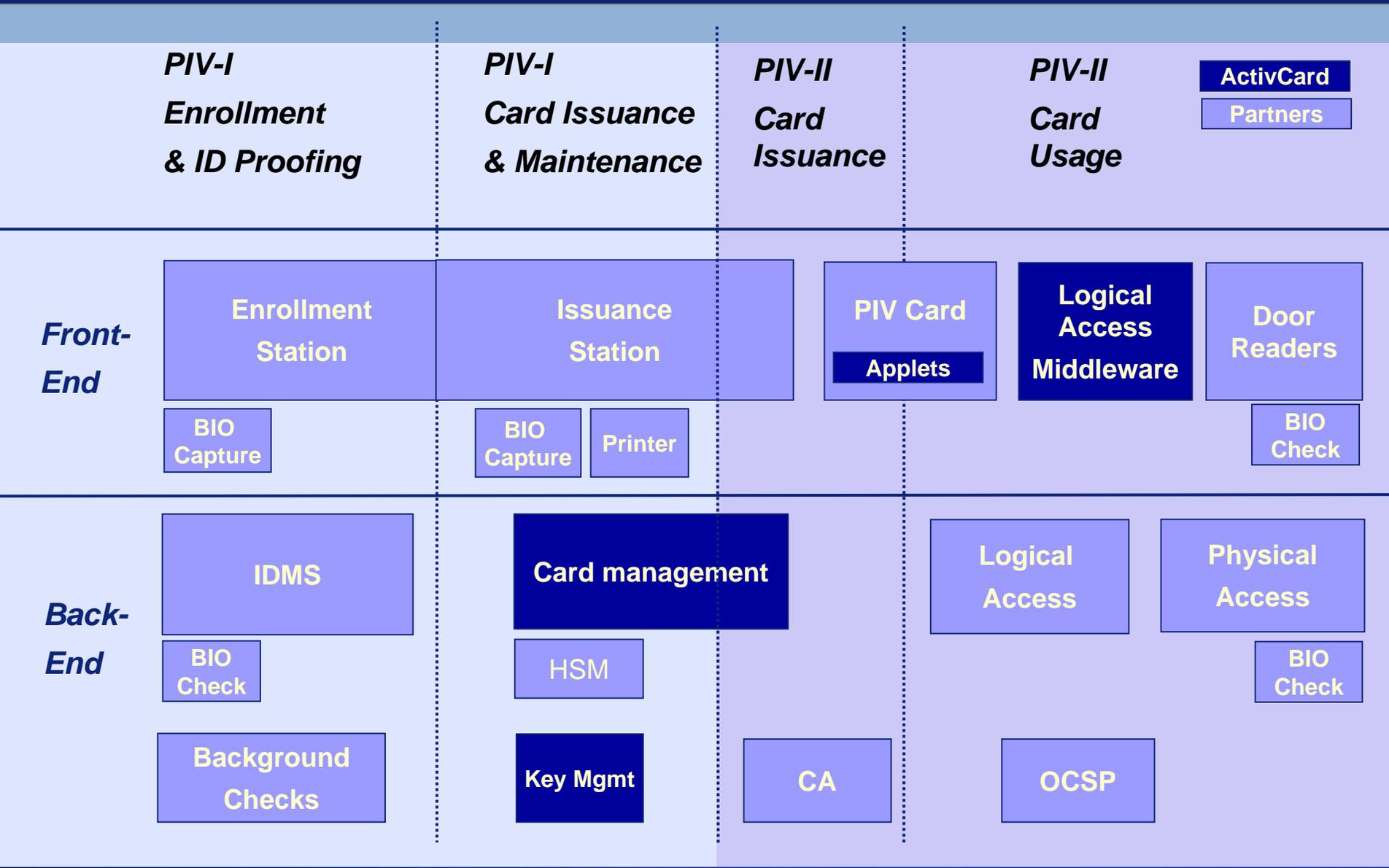
Dept. of Interior (10,000 cards)

NASA (90,000 cards)

Dept. of Treasury (6,000 cards)

Dept. of Veterans Affairs (500,000 cards)

Other Agencies (18,000+ cards)



ActivCard CMS

- FIPS201 end-point compliance (by Dec 05)
- Distributed or Central Issuance
- CHUID Generation for dual interface and hybrid cards
- PIV and value-added applications on the same card
- Third party applet loading and instantiation
- Biometric 1:1 validation via bio-API
- Out-of-Box Integration with several IDMS and PACS partner components
- Multi-vendor PKI certificate issuance at issuance time and automated cert renewal/revocation
- Blank card inventory control
- Life Cycle Management (Unlock, Suspension, Temporary Replacement)

ActivClient and Applet Suite

- **FIPS201 end-point compliant PIV card with 3rd party PIV applets by Dec 2005**
- **FIPS201 transitional card edge compliant PIV card by Dec 2005**
- **Leverages PIV card to be used for non-PIV applications including PKI-login (network & website), email and electronic transactions, biometric authentication, and OTP remote access**
- **Biometric Match On Card as a smart card service.**

PIV Cards:

- Axalto
- Gemplus
- Oberthur Card Systems

Proofing / IDMS

- IBM Tivoli
- Sun Microsystems
- Viisage
- Daon

Physical Access Control

- AMAG Technology
- GE Infrastructure Security
- Hirsch Electronics
- Lenel Systems International

PKI:

- Cybertrust
- Entrust
- Microsoft
- VeriSign

Enrollment / Badging

- Lenel Systems International
- Viisage

Biometrics:

- Precise Biometrics

OCSP

- Corestreet

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